



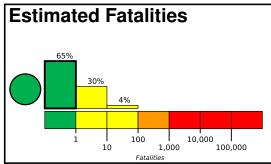


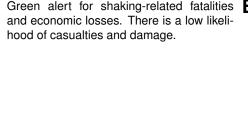
PAGER Version 6

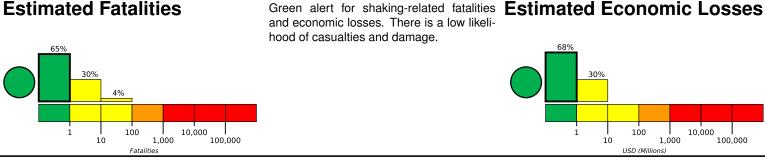
Created: 1 day, 17 hours after earthquake

M 6.3, 81 km NW of Vallenar, Chile

Origin Time: 2020-09-01 04:30:02 UTC (Tue 00:30:02 local) Location: 28.0262° S 71.3051° W Depth: 18.7 km





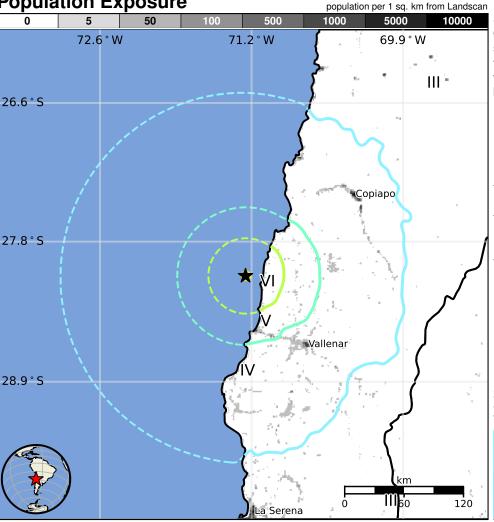


Estimated Population Exposed to Earthquake Shaking

					9					
ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	412k*	250k	16k	1k	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure



PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Structures

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though vulnerable structures exist. The predominant vulnerable building types are adobe block and rubble/field stone masonry construction.

Historical Earthquakes

			-			
Date		Dist.	Mag.	Max	Shaking	
	(UTC)	(km)		MMI(#)	Deaths	
	1983-10-04	183	7.6	VII(30k)	5	
	1975-03-13	209	6.9	VIII(266k)	2	
	1997-10-15	318	7.1	VIII(3k)	7	

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from G	eoNames.org	
MMI	City	Population
IV	Vallenar	45k
IV	Copiapo	129k
IV	Vallenar	<1k
Ш	La Serena	155k
Ш	Coquimbo	161k
Ш	Diego de Almagro	18k

bold cities appear on map.

(k = x1000)